

DEPARTMENT OF SOCIAL SERVICES

744 P Street, Sacramento, CA 95814



September 30, 1988

ALL-COUNTY INFORMATION NOTICE NO. I-101-88

TO: ALL COUNTY WELFARE DIRECTORS

SUBJECT: HEARING IMPAIRED POPULATION INFORMATION

The Office of Deaf Access has compiled the attached demographic data on the hearing impaired population by California counties for use by your staff in planning services to this portion of the population.

In 1981, the California Department of Rehabilitation, with assistance from a private research firm, studied the hearing impaired population in California by county, as well as other categories. This study resulted in a report entitled "DEAF PEOPLE IN CALIFORNIA: DEMOGRAPHICS AND COMMUNICATION NEEDS", by Marcus T. Delk, Jr. and Jerome D. Schein, Ph.D., published in May 1983. These two individuals are noted as respected national researchers in the field of deafness. Beginning with the data contained in this report, adjustments were made using the annual percentage increases in the California general population, as reported by the Department of Social Services, Statistical Services Bureau.

Please bear in mind the attached data represents only an estimated projection regarding the hearing impaired population in California. As such, this data has not been verified with actual figures because no actual figures exist. Nevertheless, comparisons of certain aspects of this data with what little data does exist, indicates the attached data is weighted to the conservative side.

In 1990, the U.S. Census will include additional data collection items concerning the hearing impaired population in California. When this data becomes available, we will proceed with any necessary corrections and forward copies to you at that time. Until then, the attached data represents the only generally accepted information concerning the hearing impaired population in California. It is our intention to provide you with annual updates to this information in the future.

We hope you will find this information useful. If you or your staff have any questions or comments, please call Alicia Lara, Assistant to the Chief, at (916) 445-3039 (Voice or TDD), or ATSS 485-3039.

Fred E. Lewis by JAL

Fred E. Lewis, Chief
Office of Deaf Access

Attachments

cc: CWDA

CALIFORNIA DEPARTMENT OF SOCIAL SERVICES
OFFICE OF DEAF ACCESS

Frequency and Percent Distribution of Selected Demographic
Characteristics of the Noninstitutionalized
Hearing-Impaired Population: California, 1987

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Demographic		
Characteristics	Frequency	Percent
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Sex		
TOTAL	1,837,645	100.0
Male.....	1,076,860	58.6
Female.....	760,785	41.4
Race		
TOTAL	1,837,645	100.0
White.....	1,446,227	78.7
Hispanic*.....	257,270	14.0
Black.....	84,531	4.6
Other.....	49,617	2.7
Age (in years)		
TOTAL	1,837,645	100.0
Under 6.....	29,402	1.6
6-16.....	97,395	5.3
17-24.....	79,019	4.3
25-34.....	169,063	9.2
35-44.....	172,739	9.4
45-54.....	275,647	15.0
55-64.....	317,912	17.3
65 and over.....	696,468	37.9
Marital Status		
TOTAL	1,837,645	100.0
Under 17 years of age..	126,797	6.9
Married.....	1,098,912	59.8
Widowed.....	290,348	15.8
Never Married.....	148,849	8.1
Divorced.....	130,473	7.1
Separated.....	42,266	2.3
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*This figure includes persons of Spanish origin. Persons of Spanish origin may be of any race.

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Frequency and Percent Distribution of Selected Demographic
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Demographic Characteristics	Frequency	Percent
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Education		
TOTAL	1,837,645	100.0
Under 17 years of age..	126,797	6.9
None.....	12,864	0.7
1-8 years.....	358,341	19.5
9-11 years.....	237,056	12.9
12 years.....	501,677	27.3
13-15 years.....	281,159	15.3
16+ years.....	275,647	15.0
Unknown.....	44,104	2.4
Family Income (in dollars)		
TOTAL	1,837,645	100.0
Under 3,000.....	108,421	5.9
3,000-4,999.....	233,381	12.7
5,000-6,999.....	198,466	10.8
7,000-9,999.....	192,953	10.5
10,000-14,999.....	277,484	15.1
15,000-24,999.....	343,640	18.7
25,000 and over.....	305,049	16.6
Unknown.....	178,251	9.7
Living Arrangements		
TOTAL	1,837,645	100.0
Alone.....	343,639	18.7
With nonrelatives.....	64,318	3.5
With spouse.....	1,087,886	59.2
With other relatives...	341,802	18.6
Usual Activity		
TOTAL	1,837,645	100.0
Under 6 years of age...-	29,402	1.6
Working.....	709,331	38.6
Keeping house (females)	422,658	23.0
Retired (health).....	159,875	8.7
Going to school.....	119,447	6.5
Something else.....	88,207	4.8
Unknown.....	1,838	0.1
Retired (other).....	306,887	16.7
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CALIFORNIA DEPARTMENT OF SOCIAL SERVICES
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Prevalence of Hearing Impairment in the Civilian
Noninstitutionalized Population, by Degree, for the
State and Counties: California, as of December 31, 1987*

Political Division	Total All Hearing Impairments	One Ear Only	Both Ears Impaired		
			Sub- total	Mild- Moderate	Severe- Profound
The State	1,837,645	883,092	954,553	698,518	256,035
COUNTIES					
Alameda.....	85,537	41,117	44,420	32,524	11,896
Alpine.....	93	45	48	35	13
Amador.....	1,609	774	835	611	224
Butte.....	11,261	5,413	5,848	4,282	1,566
Calaveras.....	1,695	815	880	644	236
Colusa.....	894	429	465	341	124
Contra Costa...	51,068	24,549	26,519	19,417	7,102
Del Norte.....	1,455	699	756	553	203
El Dorado.....	6,839	3,288	3,551	2,599	952
Fresno.....	40,204	19,326	20,878	15,286	5,592
Glenn.....	1,635	787	848	621	227
Humboldt.....	8,327	4,003	4,324	3,165	1,159
Imperial.....	7,206	3,464	3,742	2,740	1,002
Inyo.....	1,444	693	751	549	202
Kern.....	31,381	15,085	16,296	11,933	4,363
Kings.....	5,960	2,865	3,095	2,266	829
Lake.....	2,759	1,326	1,433	1,050	383
Lassen.....	1,677	807	870	637	233
Los Angeles....	575,450	276,361	299,089	218,596	80,493
Madera.....	4,975	2,391	2,584	1,891	693
Marin.....	16,897	8,122	8,775	6,426	2,349
Mariposa.....	922	443	479	351	128
Mendocino.....	5,072	2,438	2,634	1,929	705
Merced.....	10,337	4,970	5,367	3,930	1,437
Modoc.....	713	341	372	273	99
Mono.....	722	347	375	274	101
Monterey.....	22,331	10,734	11,597	8,491	3,106
Napa.....	7,565	3,637	3,928	2,876	1,052
Nevada.....	4,097	1,970	2,127	1,558	569
Orange.....	149,170	71,705	77,465	56,719	20,746
Placer.....	9,383	4,510	4,873	3,568	1,305
Plumas.....	1,279	614	665	486	179
Riverside.....	53,733	25,830	27,903	20,430	7,473
Sacramento.....	61,398	29,514	31,884	23,345	8,539
San Benito.....	2,072	996	1,076	788	288

Political Division	Total All Hearing Impairments	One Ear Only	Both Ears Impaired		
			Sub- total	Mild- Moderate	Severe- Profound
San Bernardino.	71,686	34,459	37,227	27,257	9,970
San Diego.....	146,406	70,377	76,029	55,668	20,361
San Francisco..	51,489	24,751	26,738	19,578	7,160
San Joaquin....	27,427	13,184	14,243	10,429	3,814
San Luis Obispo	12,184	5,856	6,328	4,633	1,695
San Mateo.....	45,339	21,794	23,545	17,240	6,305
Santa Barbara..	22,763	10,943	11,820	8,655	3,165
Santa Clara....	99,603	47,878	51,725	37,872	13,853
Santa Cruz.....	14,470	6,955	7,515	5,502	2,013
Shasta.....	8,984	4,318	4,666	3,417	1,249
Sierra.....	239	114	125	90	35
Siskiyou.....	3,293	1,583	1,710	1,252	458
Solano.....	18,470	8,879	9,591	7,022	2,569
Sonoma.....	23,466	11,280	12,186	8,922	3,264
Stanislaus.....	20,835	10,016	10,819	7,922	2,897
Sutter.....	4,033	1,939	2,094	1,534	560
Tehama.....	2,973	1,429	1,544	1,131	413
Trinity.....	917	440	477	350	127
Tulare.....	19,067	9,165	9,902	7,250	2,652
Tuolumne.....	2,628	1,263	1,365	999	366
Ventura.....	41,270	19,839	21,431	15,691	5,740
Yolo.....	9,067	4,359	4,708	3,447	1,261
Yuba.....	3,876	1,863	2,013	1,473	540

*Based on Schein and Delk Study for Dept. of Rehabilitation and adjusted for increases in the California general population (Source: Statistical Services Bureau of the Department of Social Services.

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Demographic Characteristics	Frequency	Percent
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Class of Worker		
TOTAL	1,837,645	100.0
Private paid.....	475,950	25.9
Federal gov't.....	34,915	1.9
State gov't.....	22,052	1.2
Local gov't.....	86,369	4.7
Incorporated business..	23,889	1.3
Self-employed.....	97,395	5.3
Without pay.....	1,838	0.1
Not in labor force.....	1,089,724	59.3
Unknown.....	5,513	0.3
Occupation		
TOTAL	1,837,645	100.0
Professional and technical.....	167,226	9.1
Nonfarm manager and administrator.....	101,070	5.5
Sales.....	56,967	3.1
Clerical.....	84,532	4.6
Craftsman.....	123,122	6.7
Operatives, nontransit.	75,343	4.1
Operatives, transit....	31,240	1.7
Laborers, nonfarm.....	22,052	1.2
Farmers and farm managers.....	11,026	0.6
Laborers, farm.....	9,188	0.5
Service workers.....	55,129	3.0
Private household workers.....	1,838	0.1
Unknown.....	9,188	0.5
Not in labor force.....	1,089,724	59.3
Limitation of Activity		
TOTAL	1,837,645	100.0
Cannot perform usual activity.....	301,374	16.4
Can perform usual activity, but limited in amount and kind...	288,510	15.7
Can perform usual activity, but limited in outside activity..	189,277	10.3
Not limited.....	1,058,484	57.6
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Demographic Characteristics	Frequency	Percent
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Health Status		
TOTAL	1,837,645	100.0
Excellent.....	628,475	34.2
Good.....	701,980	38.2
Fair.....	338,127	18.4
Poor.....	150,687	8.2
Unknown.....	18,376	1.0
Use of Hearing Aid		
TOTAL	1,837,645	100.0
Use now.....	224,193	12.2
Formerly.....	112,096	6.1
Never used.....	1,431,526	77.9
Not reported.....	69,830	3.8
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Source: National Health Survey, 1977;
Deaf People in California: Demographics and Communication
Needs, Delk and Schein, May 1983, Department of
Rehabilitation; General population increases courtesy of
Department of Social Services, Statistical Services
Bureau; extrapolated to December 31, 1987.